



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

22857 U.S. PTO  
10/801005



Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Atty. Dkt.: 4255-6  
Date: March 16, 2004

Sir:  
Attached for filing is the patent application of:  
Inventor: KAWAI  
Entitled: OPTOELECTRONIC DUST SENSOR AND AIR CONDITIONING EQUIPMENT IN WHICH SUCH  
OPTOELECTRONIC DUST SENSOR IS INSTALLED  
and including attachments as noted below:

- ☒ Newly executed Declaration, ☐ Copy of Declaration from prior application, ☒ Abstract  
13 pages of specification and claims (including 5 numbered claims), and  
4 sheets of accompanying drawing/s for Figures 1 - 6.  
☒ Record the attached assignment to Sharp Kabushiki Kaisha, Osaka-shi, Osaka, Japan and return to the undersigned.  
☒ Priority is hereby claimed under 35 U.S.C. § 119 based on the following foreign applications:
- | Application Number | Country | Day/Month/Year Filed |
|--------------------|---------|----------------------|
| 2003-082912        | Japan   | 25 March 2003        |

- , respectively, the entire content of which is hereby incorporated by reference in this application..  
☒ Certified copy(ies) of foreign application(s) is/are attached.  
☐ Certified copy(ies) filed on \_\_\_\_\_ in prior appln. no. \_\_\_\_\_ filed \_\_\_\_\_  
☐ It is hereby requested that the Examiner consider the art cited in the parent application by applicant and/or the Examiner for the reasons stated therein. A listing of that art is attached.  
☐ Applicant claims "small entity" status. ☐ "Small entity" statement attached.  
☒ Please enter the attached preliminary amendment **prior** to calculation of filing fee  
☒ Also attached: ☒ Information Disclosure Statement; ☐ Non-Publication Request; ☐ Nucleotide and/or Amino Acid Sequence Submission; ☐ Statement deleting Inventor(s) named in prior application; ☐ Other:

**FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY HEREWITH CANCELED**

Basic Filing Fee				\$	770.00
Total effective claims	8	- 20 (at least 20) =	0	x \$ 18.00	\$ 0.00
Independent claims	1	- 3 (at least 3) =	0	x \$ 86.00	\$ 0.00
If any proper multiple dependent claims now added for first time, add \$290.00 (ignore improper)				\$	0.00
				<b>SUBTOTAL</b>	\$ 770.00
If "small entity," then enter half (1/2) of subtotal and subtract				-\$	(0.00)
				<b>SECOND SUBTOTAL</b>	\$ 770.00
Assignment Recording Fee (\$40.00)				\$	40.00
				<b>TOTAL FEE ENCLOSED</b>	\$ 810.00

Any future submission requiring an extension of time is hereby stated to include a petition for such time extension.  
The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our **Account No. 14-1140**.  
A duplicate copy of this sheet is attached.

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**NIXON & VANDERHYE P.C.**

By Atty: H. Warren Burnam, Jr., Reg. No. 29,366

Signature: *H. Warren Burnam, Jr.*